

Project Title	Funding	Strategic Plan Objective	Institution
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	\$0	Q1.L.A	University of Colorado Denver
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois at Urbana Champaign
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	\$0	Q1.L.B	Oregon Health & Science University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Carnegie Mellon University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
Subtyping of toddlers with ASD based on patterns of social attention deficits	\$0	Q1.L.B	Yale University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Test of integrated language and literacy skills validation research	\$0	Q1.Other	Western Michigan University
Analysis of cultural appropriateness and necessary modifications of the Survey of Well Being for Young Children on Native American reservations	\$0	Q1.S.B	University of Colorado Denver
Computer Assisted Autism Care (CAAC)	\$0	Q1.S.B	Indiana University - Purdue University at Indianapolis
Experience and cognitive development in infancy	\$0	Q2.Other	University of California, Davis
Face perception: Mapping psychological spaces to neural responses	\$0	Q2.Other	Stanford University
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick

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CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
CAREER: Statistical models and classification of time-varying shape	\$0	Q2.Other	University of Utah
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$0	Q2.Other	Georgia Tech Research Corporation
SHB: Type II (INT): Synthesizing self-model and mirror feedback imageries with applications to behavior modeling for children with autism	\$0	Q2.Other	University of Kentucky Research Foundation
BRIGE: Emotion mapping of children through human-robot interaction and affective computing	\$0	Q2.Other	University of Louisville Research Foundation Inc
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	\$0	Q2.Other	University of California, Irvine
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Q2.Other	Baylor College of Medicine
How autism affects speech understanding in multitaler environments	\$0	Q2.Other	University of Maryland, College Park
White matter glial pathology in autism	\$0	Q2.Other	East Tennessee State University
Mechanisms of synaptic alterations in a neuroinflammation model of autism	\$0	Q2.S.A	University of Nebraska Medical Center
Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	\$0	Q2.S.A	University of Southern California
Prenatal antidepressants and autism spectrum disorder	\$0	Q3.L.C	Cincinnati Children's Hospital Medical Center
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach	\$0	Q3.S.I	University of Guelph
Metabolic signature of antipsychotics used in the treatment of autism	\$0	Q4.L.C	University of Cincinnati

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Using Peer Models in the Context of Small-Group Direct Instruction to Teach Social and Academic Skills to Children with Autism	\$0	Q4.L.D	Vanderbilt University
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Peer support and peer network interventions to improve peer relationships and school engagement	\$0	Q4.L.D	Vanderbilt University; University of Wisconsin-Madison
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$0	Q4.L.D	University of Missouri
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$0	Q4.L.D	Illinois State University
Developing a school-based social competence intervention (SCI)	\$0	Q4.L.D	University of Missouri
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$0	Q4.L.D	University of Kansas; University of Washington
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$0	Q4.L.D	Vanderbilt University
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$0	Q4.L.D	3-C Institute for Social Development
iPrompt to improve teaching students with ASD	\$0	Q4.L.D	HandHold Adaptive, LLC
iSKILLS : The audio/video guidance repository for life skills	\$0	Q4.L.D	University of Georgia; University of Tennessee
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$0	Q4.Other	Vanderbilt University
Virtual Environment for Social Information Processing (VESIP) Phase II	\$0	Q4.Other	Soar Technology, Inc..
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	\$0	Q4.Other	University Of Kansas Center For Research, Inc. -- Sped - Special Education Educ Education Administration - Sped - Special Education Educ Education Administration
Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$0	Q4.Other	Orelena Hawks Puckett Institute
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$0	Q4.Other	Interbots LLC

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Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	Salk Institute for Biological Studies
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	\$0	Q4.S.B	University of California, San Francisco
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$0	Q4.S.C	Massachusetts General Hospital
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$0	Q4.S.D	Portland State University
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$0	Q4.S.D	Florida State University
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Do animations facilitate symbol understanding in children with autism?	\$0	Q4.S.G	Northeastern University
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$0	Q4.S.H	University of Pennsylvania
SOTELCO in classroom settings	\$0	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Project STARS: Specialized Training in Autism for Rural Schools	\$0	Q5.L.A	West Virginia University Research Corporation
Project DART: Distance Education for Autism Personnel in Rural Texas	\$0	Q5.L.A	University of North Texas
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	\$0	Q5.L.A	University of Nebraska Medical Center
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$0	Q5.L.C	Western Carolina University

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Collaborative partnerships	\$0	Q5.L.C	San Francisco State University
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	\$0	Q5.L.C	Southern Connecticut State University
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	\$0	Q5.L.C	University of New Hampshire
The Professional Development Center: Children with autism spectrum disorders	\$0	Q5.L.C	University of North Carolina at Chapel Hill
Project CAT (Comprehensive Autism Teaching)	\$0	Q5.L.C	Touro University
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$0	Q5.L.C	Bloomsburg University of Pennsylvania
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	\$0	Q5.L.C	Florida State University
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	\$0	Q5.L.C	Florida International University
Project S.A.G.E. Successfully Accessing General Education	\$0	Q5.Other	University of South Florida
Collaboration of Autism Specialists Training (COAST) Program	\$0	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Preparing teachers to teach children with autism & developmental disabilities	\$0	Q5.Other	Bank Street College of Education
Preparing special educators to work with children and youth with autism	\$0	Q5.Other	University of Oregon
Collaborative Adolescent Autism Teacher Training (CAATT)	\$0	Q5.Other	University of Georgia
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	\$0	Q5.Other	Kansas State University
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$0	Q5.Other	University of North Texas
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	\$0	Q5.Other	Purdue University
Improving speech-language pathology services to children with severe disabilities through preprofessional and professional training	\$0	Q5.Other	Western Carolina University
Preparing school psychologists to work with children with autism using evidence-based practices	\$0	Q5.Other	University of Utah
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	\$0	Q5.Other	University of Nevada

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Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$0	Q5.Other	San Diego State University
Personnel preparation for serving children with low incidence disabilities	\$0	Q5.Other	University of Vermont and State Agricultural College
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$0	Q5.Other	California State University Chico Research Foundation
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$0	Q5.Other	University of Maryland
Preparing personnel for intervention with young children with autism	\$0	Q5.Other	Vanderbilt University
Early Response Learning Initiative (EARLI)	\$0	Q5.Other	University of Virginia
Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	\$0	Q5.Other	University of Oklahoma
Training school speech-language pathologists to assess and manage communication skills in children with autism	\$0	Q5.Other	University of Massachusetts Amherst
Texas Educators for Students with Autism (TESA)	\$0	Q5.Other	Texas State University-San Marcos
East Carolina University Pathways	\$0	Q5.Other	East Carolina University
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	\$0	Q5.Other	Portland State University
Communication, Autism, and Technology	\$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$0	Q5.Other	University of North Carolina at Chapel Hill
Project CHANGE (Children with Autism Need a Great Education)	\$0	Q5.Other	University of Texas at El Paso
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	\$0	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	\$0	Q5.Other	University of Kansas
Tennessee State Personnel Development Grant	\$0	Q5.Other	Tennessee Department of Education
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Virginia
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$0	Q6.L.A	University of Iowa
LSS postdoctoral fellowship: Autism, social science and law	\$0	Q6.Other	University of Utah

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Preparation for transition and secondary teachers of students with low-incidence disabilities	\$0	Q6.S.D	Kent State University
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	\$0	Q7.K	Florida State University
Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	\$0	Q7.K	Florida State University
Post-doctoral training in special education research	\$0	Q7.K	University of North Carolina at Chapel Hill
Recruiting and preparing highly qualified special educators	\$0	Q7.K	University of Central Florida
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	\$0	Q7.K	University of Utah
Post-doctoral special education research training in urban communities: A research to practice model	\$0	Q7.K	University of Kansas
Multimedia tool for psychology graduate student ASD assessment training	\$1	Q1.S.A	Virtual Reality Aids, Inc.
1/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$1	Q4.L.C	Indiana University-Purdue University Indianapolis
LEAP-USA follow-up project	\$1	Q4.S.D	University of Colorado, Denver
Successful transition in the early school years for children with autism	\$1	Q5.Other	University of California, Riverside
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Leadership Education in Neurodevelopmental and Related Disabilities (LEND)	\$2,500	Q5.L.C	University of Rochester
Leadership Education in Neurodevelopmental and Related Disabilities (LEND)	\$5,968	Q5.L.C	University of Cincinnati
Leadership Education in Neurodevelopmental Disabilities	\$6,000	Q5.L.C	University of Tennessee Health Science Center
Leadership Education in Neurodevelopmental Disabilities	\$7,000	Q5.L.C	University of Minnesota
Mechanism of UBE3A imprint in neurodevelopment	\$7,869	Q2.S.D	University of California, Davis
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$8,000	Q4.Other	University of Southern California

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Anatomical and functional modularity of the cerebral cortex	\$8,000	Q7.Other	University of Louisville
State of the states in services and supports for persons with autism spectrum disorder.	\$13,495	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Leadership Education in Developmental-Behavioral Pediatrics	\$15,276	Q7.K	The Children's Hospital of Boston
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$19,200	Q1.L.B	Georgia Tech Research Corporation
Leadership Education in Neurodevelopmental Disabilities	\$22,740	Q5.L.A	University of Arizona
2013 Cerebellum Gordon Research Conference	\$25,000	Q7.K	Gordon Research Conferences
Pragmatics and semantics in autism spectrum disorder	\$27,487	Q2.Other	City University of New York Graduate School and University Center
The neural bases of top-down attentional control in autism spectrum disorders	\$27,578	Q2.Other	City College of New York
Semaphorin4D and PlexinB1 mediate GABAergic synapse development in mammalian CNS	\$27,814	Q2.Other	Brandeis University
Statistical word learning in children with language disorders	\$29,355	Q2.Other	University of Wisconsin - Madison
Children with autism spectrum disorders in developing countries	\$30,000	Q7.J	Wayne State University
Modulation of RhoA signaling by the mRNA binding protein hnRNPQ1	\$30,912	Q2.S.D	Emory University
The striatal circuitry underlying autistic-like behaviors	\$31,975	Q2.Other	Duke University
Investigation of sex differences associated with autism candidate gene, Cyfip1	\$32,413	Q2.S.B	University of California, Los Angeles
NINDS comment: Disruption of Reelin biosynthesis by de novo missense mutations found in aut	\$32,615	Q2.Other	State University of New York Upstate Medical Center
Cortactin and spine dysfunction in fragile X	\$32,875	Q2.S.D	University of California, Irvine
Sensitive periods in cerebellar development	\$32,941	Q2.S.A	University of Maryland, Baltimore
Predicting autism through behavioral and biomarkers of attention in infants	\$34,688	Q1.L.A	University of South Carolina
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$36,724	Q2.S.D	Yale University
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	\$39,432	Q2.S.G	Baylor College of Medicine
ACE Center: Data Management and Analysis Core	\$40,386	Q7.Other	Emory University
MRI: Acquisition of an Infrared Eye Tracker to Study the Emergence, Use, Loss, and Requisition of Communication Skills	\$41,575	Q2.Other	Emerson College

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National Database on Autism Research	\$44,000	Q7.H	Center for Information Technology
Multisensory integration and temporal processing in autism	\$44,080	Q4.S.C	Vanderbilt University
Hypocholesterolemic autism spectrum disorder	\$45,647	Q3.L.B	National Institutes of Health
The flexibility of individuation and ensemble representation	\$47,114	Q2.Other	Northwestern University
Partners in Schools: A program for parents and teachers of children with autism	\$47,114	Q5.L.A	University of Pennsylvania
A novel essential gene for human cognitive function	\$47,232	Q2.S.D	Harvard Medical School
Phagocytosis is misregulated in a Drosophila model of Fragile X syndrome	\$47,232	Q2.S.D	Columbia University
ACE Center: Research Training and Education Core	\$48,686	Q7.K	Emory University
Behavioral, fMRI, and anatomical MRI investigations of attention in autism	\$49,214	Q2.Other	Massachusetts Institute of Technology
Investigating the role of neurexin-1 mutation in autism using human induced neuro	\$49,214	Q2.Other	Stanford University
Artifacts as windows to other minds: Social reasoning in typical and ASD children	\$49,214	Q2.Other	Boston University
Analysis of MEF2 in cortical connectivity and autism-associated behaviors	\$49,214	Q2.S.D	Harvard Medical School
Cortical activation to faces and objects in infants at high-risk for ASD	\$51,705	Q1.L.A	University of South Carolina
Frontostriatal synaptic dysfunction in a model of autism	\$52,190	Q2.Other	Stanford University
Amygdala connectivity in autism spectrum disorder	\$52,580	Q2.L.A	University of California, Davis
Validity of an anxious subtype in autism spectrum disorders	\$53,270	Q1.L.B	University of California, Los Angeles
Role of neurexin in synapse formation and maintenance	\$53,942	Q2.Other	Stanford University
The effects of autism on the sign language development of deaf children	\$53,942	Q2.Other	Boston University
Role of neuronal migration genes in synaptogenesis and plasticity	\$53,942	Q2.Other	Weill Cornell Medical College
Vicarious neural activity, genetic differences and social fear learning	\$53,942	Q4.S.B	Oregon Health & Science University
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$55,670	Q2.S.D	University of Texas Southwestern Medical Center
Animal-assisted intervention for children with autism spectrum disorder	\$57,383	Q4.L.D	Purdue University
Consortium for promoting cross-linguistic understanding of communication disabilities in children	\$58,109	Q5.Other	East Tennessee State University
Phenotypic characterization of MECP2 mice	\$64,742	Q2.S.D	Children's Hospital of Philadelphia

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3/5-Randomized trial of parent training for young children with autism	\$65,595	Q4.S.D	University of Rochester
PROTEOMIC MAPPING OF THE IMMUNE RESPONSE TO GLUTEN IN CHILDREN WITH AUTISM	\$67,041	Q3.S.E	Columbia University New York Morningside
Autism in older adults: A pilot, descriptive study	\$71,040	Q6.S.A	University of North Carolina at Chapel Hill
Assessing interactive avatars for use with children with autism	\$72,883	Q4.Other	Carnegie Mellon University
Testing direct effects of soy daidzein on fragile X phenotypes	\$75,250	Q4.S.C	University of Wisconsin - Madison
Gestational metabolic conditions and autism	\$77,000	Q3.S.H	University of California, Davis
Mutations associated with carnitine deficiency: risk factor for regression in ASD	\$78,650	Q2.S.F	Baylor College of Medicine
Pivotal response treatment for infants at risk for ASD: A pilot intervention	\$79,900	Q4.L.B	Yale University
Foxp2 regulation of sex specific transcriptional pathways and brain development	\$88,128	Q2.S.B	University of Maryland, Baltimore
Electrophysiological response to executive control training in autism	\$89,670	Q2.Other	University of Washington
Molecular mechanisms of electrical synapse formation in vivo	\$90,000	Q2.Other	Fred Hutchinson Cancer Research Center
Administrative Core/Leadership	\$90,193	Q7.Other	University of California, Davis
Complex genetic architecture of chromosomal aberrations in autism	\$92,917	Q3.L.B	Massachusetts General Hospital
Training in translational social neuroscience	\$98,163	Q4.S.B	Emory University
CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	\$99,000	Q2.S.E	Naval Medical Research Center
(SDAS) Adequate Health Insurance for Children with Autism: Evidence and Implications for Defining Essential Benefits	\$99,496	Q5.Other	University of North Carolina at Chapel Hill
AUTISM AND OBESITY: CO-OCCURRING CONDITIONS OR DRUG SIDE EFFECTS?	\$99,820	Q2.S.E	Children's Mercy Hospital
(SDAS) Dental Homes for Medicaid-Enrolled Children with Autism Spectrum Disorders in the Iowa I-Smile Program	\$99,989	Q5.L.E	University of Washington
(SDAS) Trends in Racial and Ethnic Health Care Disparities for Children with Autism and Other Developmental Disabilities	\$99,998	Q5.S.A	Brandeis University
Reducing disparities in Rimely Autism Diagnosis through Family Navigation	\$99,999	Q1.S.C	Boston Medical Center
(SDAS) Access to Therapy for Children with Autism: A Population-Based Analysis	\$100,000	Q5.S.A	Thomas Jefferson University
Cognitive control of emotion in autism	\$102,004	Q2.Other	University of Pittsburgh

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Project 2: Perinatal epigenetic signature of environmental exposure	\$105,416	Q3.S.J	University of California, Davis
Action anticipation in infants	\$105,936	Q2.Other	University of Chicago
Project 3: Immune environment interaction and neurodevelopment	\$109,725	Q2.S.A	University of California, Davis
Project 4: Calcium signaling defects in autism (Pessah/Lein)	\$109,730	Q2.Other	University of California, Davis
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$110,870	Q1.Other	Cornell University
Facility Core: Analytical and Environmental Chemistry	\$110,972	Q7.Other	University of California, Davis
ACE Center: Research, training and education	\$111,353	Q7.K	Boston University
Biological Analysis Core	\$121,545	Q7.J	University of California, Davis
Novel metabolic biomarker for autism spectrum disorder	\$121,557	Q1.S.E	Greenwood Genetic Center
Electrophysiological correlates of cognitive control in autism	\$127,805	Q1.L.B	University of California, Davis
Neurobehavioral Analysis Core	\$130,658	Q1.S.B	University of California, Davis
The computational basis of theory of mind in the human brain	\$130,695	Q2.Other	California Institute of Technology
MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$137,605	Q2.Other	Florida International University
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	\$138,957	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
Grammatical development in boys with fragile X syndrome and autism	\$141,075	Q2.S.D	University of Wisconsin - Madison
Risk and resiliency for youth with autism during the transition to adulthood	\$142,194	Q6.S.A	Vanderbilt University Medical Center
Brain Imaging Markers of Response to Intervention in Toddlers with Autism	\$142,893	Q4.S.F	University of North Carolina at Chapel Hill
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$144,000	Q1.L.B	Yale University
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.S.D	University of California, Los Angeles
Functional analysis of rare variants in genes associated with autism	\$146,625	Q4.S.B	Yale University

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GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$147,531	Q1.L.B	University of Texas San Antonio
PLACENTAL IDENTIFICATION AND IMMUNE QUANTIFICATION OF ACUTE AND/OR CHRONIC INFLAMMATION IN CHILDREN DIAGNOSED WITH PLACENTAL AUTISM IN UNIVERSITY AND COMMUNITY HOSPITALS	\$148,000	Q3.L.C	Institute for Basic Research in Developmental Disabilities
CAREER: Typical and atypical development of brain regions for theory of mind	\$148,521	Q2.Other	Massachusetts Institute of Technology
Multimodal imaging of social brain networks in ASD	\$148,945	Q2.Other	San Diego State University
FMR 1-SLS: Improving fragile X diagnosis using amplification-free single locus ta	\$149,176	Q1.S.B	Pacific Biosciences Of California, Inc.
Autism genetics: Homozygosity mapping and functional validation	\$150,000	Q3.L.B	Boston Children's Hospital
Dynamic E-Learning to Improve Postsecondary Transition Outcomes for Secondary Students with High Functioning Autism	\$150,000	Q4.L.D	3-C Institute for Social Development
Neural circuits that regulate social motivation in autism	\$150,542	Q2.Other	University of North Carolina at Chapel Hill
3/3-Sequencing autism spectrum disorder extended pedigrees	\$153,600	Q3.L.B	University of Pennsylvania
Exploring interactions between folate and environmental risk factors for autism	\$153,615	Q3.S.J	University of California, Davis
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
Structural and functional neuroimaging of the auditory system in autism	\$157,938	Q2.Other	Children's Hospital of Philadelphia
FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD	\$158,000	Q1.L.B	Albert Einstein College of Medicine Yeshiva University
The genomic bridge project (GBP)	\$158,206	Q2.S.G	Massachusetts General Hospital
Project 1: Epidemiology and the environment in autism (Hertz-Picciotto)	\$158,613	Q3.L.D	University of California, Davis
IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS	\$158,963	Q1.L.B	Joan and Sanford I Weill Medical College of Cornell University
ACE Center: The ontogeny of social vocal engagement and its derailment in autism	\$159,324	Q1.L.A	Emory University
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$161,107	Q2.Other	Vanderbilt University Medical Center
Neuroactive steroid GABAA receptor positive modulators for fragile X syndrome	\$162,500	Q4.Other	Sage Therapeutics, Inc.
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$162,535	Q3.S.D	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$162,856	Q2.S.F	National Institutes of Health
Neural basis of cross-modal influences on perception	\$163,755	Q2.Other	University of California, San Diego
Translational developmental neuroscience of autism	\$167,187	Q1.L.B	New York University School of Medicine
Identification of candidate genes at the synapse in autism spectrum disorders	\$168,245	Q2.S.G	Yale University
4/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$168,533	Q4.L.C	Yale University
Structural and functional connectivity of large-scale brain networks in autism	\$168,978	Q2.Other	Stanford University
2/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$171,791	Q4.L.C	Seattle Children's Hospital
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$172,388	Q7.Other	University of California, Los Angeles
Brain Systems Supporting Learning and Memory in Children with Autism	\$173,607	Q2.Other	Stanford University
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$173,826	Q2.S.E	Duke University
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$173,955	Q1.L.A	University of California, Los Angeles
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
A network approach to the prediction of autism spectrum disorders	\$176,592	Q1.L.A	Indiana University
Effect of paternal age on mutational burden and behavior in mice	\$177,600	Q2.Other	University of North Carolina at Chapel Hill
A neural model of fronto-parietal mirror neuron system dynamics	\$178,100	Q2.Other	University of Maryland, College Park
mTOR modulation of myelination	\$178,659	Q2.S.D	Vanderbilt University Medical Center
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	\$178,857	Q2.S.G	University of California, Los Angeles
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	\$178,916	Q5.L.C	Board of Regents of New Mexico State University
Predicting the decline of social attention in infants at risk for autism	\$179,388	Q1.L.A	University of California, Los Angeles
Reducing barriers to autism care in Latino children	\$179,521	Q1.S.C	Oregon Health & Science University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	\$180,391	Q4.S.B	Stanford University
Developmental social neuroscience in infants at-risk for autism	\$180,621	Q1.L.C	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
DISRUPTION OF TROPHIC INHIBITORY SIGNALING IN AUTISM SPECTRUM DISORDERS	\$180,832	Q2.Other	Northwestern University
Neural predictors of language function after intervention in children with autism	\$181,103	Q1.L.B	University of California, Los Angeles
ACE Center: Neuroimaging/Neurophysiology Core	\$181,369	Q7.Other	University of California, Los Angeles
Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah
Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	\$183,568	Q2.S.A	Columbia University
Wnt modulation as a treatment for autism spectrum disorders	\$184,568	Q2.Other	University of Iowa
Developing the autism model of implementation for ASD community providers	\$185,333	Q5.L.A	San Diego State University
Influence of attention and arousal on sensory abnormalities in ASD	\$186,000	Q2.Other	University of California, San Diego
Optimization of fidelity procedures for pivotal response training in autism	\$186,772	Q5.L.A	Children's Hospital Research Center
Testing the hyperspecificity hypothesis: A neural theory of autism	\$189,836	Q2.Other	Children's Hospital of Philadelphia
Mechanisms Underlying the Cerebellar Contribution to Autism in Mouse Models of Tu	\$190,458	Q2.S.D	Boston Children's Hospital
MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	\$190,577	Q2.S.A	Feinstein Institute for Medical Research
Assisted reproductive technologies and increased autism risk	\$192,000	Q3.L.C	Columbia University
IMAGING DEPRESSION IN ADULTS WITH ASD	\$192,601	Q2.S.E	State University New York Stony Brook
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	\$193,848	Q5.L.A	University of Utah
Solid-state patch clamp platform to diagnose autism and screen for effective drug	\$196,247	Q1.S.A	Stanford University
Evaluating the time-dependent unfolding of social interactions in autism	\$196,987	Q2.Other	University of Cincinnati
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	\$197,609	Q4.S.B	University of Massachusetts Medical School
ACE Center: Administrative Core	\$199,003	Q7.Other	University of California, Los Angeles
Impacts and State utilization of HCBS waiver services for families and children with autism	\$199,999	Q5.S.A	Towson University
The impact of uncertainty in genome-wide testing for autism spectrum disorder	\$200,000	Q1.S.E	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	\$200,000	Q5.L.A	University of New Hampshire
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	\$200,000	Q5.L.A	University of Kansas Medical Center
Healthy Weight Research Network (HW-RN) for Children with Autism Spectrum Disorders and Developmental Disabilities (ASD/DD)	\$200,000	Q7.N	University of Massachusetts, Worcester
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$200,372	Q4.L.C	University of California, Los Angeles
Modeling 5-HT-absorbing neurons in neuropathology of autism	\$200,400	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Core D: Clinical Neuroscience Services	\$200,547	Q7.Other	Vanderbilt University Medical Center
Service transitions among youth with autism spectrum disorders	\$203,915	Q6.L.B	Washington University in St. Louis
2/5-Randomized trial of parent training for young children with autism	\$204,169	Q4.S.D	The Ohio State University
EEG complexity trajectory as an early biomarker for autism	\$208,800	Q1.L.A	Boston Children's Hospital
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$211,113	Q4.S.C	University of Colorado Denver
Adapting cognitive enhancement therapy for ASD	\$211,536	Q4.Other	University of Pittsburgh
Regulation of spine morphogenesis by NrCAM	\$213,120	Q2.Other	University of North Carolina at Chapel Hill
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$213,420	Q1.L.A	New York University
Wireless EEG system for training attention and eye movement in ASD	\$214,722	Q4.Other	University of California, San Diego
3/5-Randomized trial of parent training for young children with autism	\$215,249	Q4.S.D	University of Rochester
Teaching skills to toddlers: A program for caregivers	\$216,694	Q5.L.A	University of Connecticut
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	\$217,125	Q4.S.B	University of Tennessee Health Science Center
The use of interactive television in identifying autism in young children	\$217,440	Q1.S.A	University of Kansas Medical Center
Assessment of glutamate delta-1 receptor in mental disorders	\$218,250	Q2.Other	Creighton University
ACE Center: Research Education and Training Core	\$220,437	Q7.K	University of California, Los Angeles
4/5-Randomized trial of parent training for young children with autism	\$221,569	Q4.S.D	Indiana University-Purdue University Indianapolis
The neural substrates of higher-level learning in autism	\$221,760	Q2.Other	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
A monkey model of naturally occurring low sociability	\$222,461	Q1.Other	Stanford University
2/3-Sequencing autism spectrum disorder extended pedigrees	\$222,480	Q3.L.B	University of Washington
Modeling the serotonin contribution to autism spectrum disorders	\$222,643	Q4.S.B	Vanderbilt University Medical Center
Analyses of brain structure and connectivity in young children with autism	\$222,933	Q1.L.B	University of California, Davis
EPC Systematic Review: Autism Spectrum Disorders - Update	\$225,000	Q4.Other	Vanderbilt EPC
ACE Center: Diagnostic and Recruitment Core	\$225,220	Q7.Other	University of California, Los Angeles
ACE Center: Predicting risk and resilience in ASD through social visual engagement	\$226,068	Q2.L.B	Emory University
Evaluation of pupillary light reflex as biomarker of neurodevelopmental disorder	\$226,289	Q1.S.A	University of Missouri
ACE Center: Administration and data management	\$226,572	Q7.Other	Boston University
5/5-Randomized trial of parent training for young children with autism	\$226,771	Q4.S.D	University of Pittsburgh
Bayesian variable selection in generalized linear models with missing variables	\$229,953	Q2.Other	Hunter College (City University of New York)
Met signaling in neural development and circuitry formation	\$230,032	Q2.Other	University of Arizona
Cytoplasmic functions of Rbfox1, a candidate autism gene	\$231,000	Q2.Other	University of California, Los Angeles
Predictors of success in postsecondary STEM education and employment for students with autism	\$231,970	Q6.S.A	SRI International
Investigating brain connectivity in autism at the whole-brain level	\$232,307	Q2.Other	Indiana University
Using Drosophila to characterize the molecular pathogenesis of autism	\$234,000	Q2.Other	Massachusetts Institute of Technology
Peers, play and performance to improve social interaction in autism	\$234,000	Q4.Other	Vanderbilt University Medical Center
The role of vasopressin in the social deficits of autism	\$235,500	Q4.L.A	Stanford University
Serotonin, autism, and investigating cell types for CNS disorders	\$235,867	Q4.S.B	Washington University in St. Louis
Animal model of speech sound processing in autism	\$239,188	Q4.S.B	University of Texas at Dallas
Clinical algorithm for identifying adult autism	\$240,000	Q6.S.C	University of Pennsylvania
Novel regulatory network involving non-coding role of an ASD candidate gene PTEN	\$240,480	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Personnel preparation program in low incidence severe disabilities	\$241,478	Q5.L.C	University Of North Carolina At Charlotte

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	\$241,951	Q2.S.G	University of California, Los Angeles
1/5-Randomized trial of parent training for young children with autism	\$242,996	Q4.S.D	Yale University
Project iTAPE: Improve Training in Adapted Physical Education	\$243,312	Q5.Other	University Of Utah
Collaborative Personnel Preparation in Autism (COPPA)	\$243,650	Q5.Other	University of Georgia
Superheroes Social Skills Training, Rethink Autism Internet Interventions, Parent Training, EBP Classroom Training, Functional Behavior Assessment	\$245,453	Q5.Other	University of Utah
Non-coding RNAs in autism	\$246,000	Q3.Other	University of Southern California
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$246,278	Q2.Other	University of California, Berkeley
Training Speech-Language Pathologists in the Public Schools to deliver Reliable Evidence-based Models of Technology Effectively	\$246,816	Q5.Other	University of Massachusetts Amherst
Core A: Administrative Services	\$247,305	Q7.Other	Vanderbilt University Medical Center
Time Perception and Timed Performance in Autism	\$248,938	Q2.Other	Michigan State University
Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and Behavior	\$248,999	Q2.Other	Princeton University
Novel candidate mechanisms of fragile X syndrome	\$249,000	Q2.S.D	University of Michigan
Presynaptic Fragile X Proteins	\$249,000	Q2.S.D	Drexel University
Self-Regulation and Sleep in Children At Risk for Autism Spectrum Disorders	\$249,000	Q2.S.E	Purdue University
Project STArT: Systematic Training of Autism Teachers	\$249,121	Q5.Other	University of North Texas
Master's of Education (Med) in Severe Disabilities: ASD, A Low Incidence Disability	\$249,498	Q5.Other	University of Maryland
Autism Spectrum Specialized Education and Training (ASSET)	\$249,567	Q5.Other	Florida State University
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,585	Q5.L.C	San Francisco State University
Voyages: From Natural Environments to Inclusive Preschools- Transforming Educational Outcomes for Young Children with Disabilities	\$249,699	Q5.Other	George Wasington University
Doctoral Training in Research, Autism, and Interdisciplinary Leadership (TRAIL)	\$249,839	Q7.K	Florida State University
Interdisciplinary Leadership in Autism Spectrum Disorders: Optimizing Research-Practice Partnerships for Evidence-based Outcomes	\$249,888	Q5.Other	University of North Carolina, Chapel Hill
Hofstra Early Childhood Intervention Specialist Program	\$249,953	Q5.Other	Hofstra Unversity

Project Title	Funding	Strategic Plan Objective	Institution
Penn State Children's Communicative Competence Project	\$249,963	Q5.Other	Pennsylvania State University-Univ Park
Analysis, Interpretation, Instruction, Management, Functional assessment and intervention for individuals with autism in school contexts	\$249,985	Q5.Other	University of Georgia
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$249,990	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,998	Q5.L.C	Pennsylvania State University-Univ Park -- Assoc Dean Research - Hhd Health & Human Development - Assoc Dean Research - Hhd Health & Human Development
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Project PREPARE: Preparing Rigorous and Effective Professionals as Autism Researchers and Educators	\$249,999	Q5.Other	Florida Interanational University
Atypical effects of reinforcement procedures in ASD	\$250,000	Q4.Other	University of Massachusetts Medical School
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Cuny/Queens College
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
Project ABeLL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	\$250,000	Q5.Other	University Of Missouri/Curators
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburg
Preparing special educators in autism spectrum disorders	\$250,000	Q5.Other	University of Central Florida
Innovative ACCESS to Curriculum for Students with Severe Disabilities	\$250,000	Q5.Other	University of Illinois
Project Surfboard: Sustaining Practicies by Specialists on Autism Spectrum Disorder	\$250,000	Q5.Other	San Diego State University
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
Interdisciplinary training for autism researchers	\$250,479	Q7.K	University of California, Davis
Functional connectivity in autism spectrum disorders	\$251,250	Q2.Other	Children's Hospital of Philadelphia
Leadership training in high-need students with severe disabilities/autism	\$253,562	Q7.K	Vanderbilt University
Neural synchronydysfunction of gamma oscillations in autism	\$254,470	Q2.Other	University of Colorado Denver
Reversing BDNF impairments in Rett mice with TRPC channel activators	\$256,375	Q4.S.B	University of Alabama at Birmingham

Project Title	Funding	Strategic Plan Objective	Institution
Quantifiable markers of ASD via multivariate MEG-DTI combination	\$257,169	Q2.L.B	University of Pennsylvania
Dysfunction of sensory inhibition in autism	\$258,134	Q2.Other	Johns Hopkins University
Research Participation Core	\$259,801	Q7.Other	University of Wisconsin - Madison
Neurobiology of aggression co-morbidity in mouse model of idic15 autism	\$261,000	Q2.S.E	Beth Israel Deaconess Medical Center
Contingency analyses of observing and attending in intellectual disabilities	\$261,988	Q4.S.G	University of Massachusetts Medical School
A novel translational model of autism spectrum disorder	\$267,750	Q4.S.B	Emory University
ACE Center: Augmenting language interventions for ASD: A translational approach	\$269,087	Q4.L.A	University of California, Los Angeles
Core E: Participant Recruitment & Assessment Services	\$269,520	Q7.Other	Vanderbilt University Medical Center
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	\$269,695	Q4.L.B	University of California, Los Angeles
Supporting teens with autism on relationshiPS	\$270,180	Q6.L.A	Danya International, Inc.
Do access barriers to autism care persist despite autism insurance mandate?	\$273,622	Q5.S.A	Pennsylvania State University
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$273,772	Q1.L.B	University of California San Diego
Creating the Developmental-Behavioral Pediatrics Research Network	\$275,000	Q7.N	Children's Hospital of Philadelphia
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$276,478	Q3.S.A	University of Pittsburgh
The microstructural basis of abnormal connectivity in autism	\$276,865	Q2.Other	University of Utah
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$277,269	Q4.S.B	University of California, San Francisco
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$277,792	Q3.S.J	University of Wisconsin - Madison
Preschool reading and language interventions for children with autism	\$279,933	Q4.L.D	University of Washington
Improving Part C services and outcomes for underserved children with ASD	\$282,188	Q5.L.C	Hugo Moser Kennedy Krieger Research Institute
Toddlers and Families Together: Addressing Early Core Features of Autism	\$282,449	Q5.L.B	University of North Carolina at Chapel Hill
Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement	\$282,459	Q1.S.C	University of Massachusetts
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$285,797	Q4.S.C	University of Colorado Denver

Project Title	Funding	Strategic Plan Objective	Institution
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,943	Q4.L.A	University of California, Davis
1/3-Sequencing autism spectrum disorder extended pedigrees	\$286,240	Q3.L.B	University of Utah
Cerebellar modulation of frontal cortical function	\$286,989	Q2.Other	University of Memphis
Behavioral treatment through in-home telehealth for young children with autism	\$287,302	Q5.L.A	University of Iowa
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$291,317	Q2.Other	University of Pennsylvania
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$291,826	Q3.Other	University of Texas Southwestern Medical Center
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$292,221	Q1.L.A	University of California, San Diego
Mechanisms of motor skill learning in the fragile X mouse model	\$292,423	Q2.S.D	University of Nebraska Medical Center
ACE Center: Clinical Assessment Core	\$292,879	Q7.Other	Emory University
Low Incidence and Diversity Endorsement Project (LIDE)	\$294,558	Q5.L.C	University of Colorado Board of Regents
Predicting phenotypic trajectories in Prader-Willi syndrome	\$294,904	Q2.S.D	Vanderbilt University Medical Center
Neuronal basis of vicarious reinforcement dysfunction in autism spectrum disorder	\$297,527	Q2.Other	Duke University
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$297,849	Q5.Other	University of Texas of the Permian Basin
Efficacy of a qigong massage methodology for children with ASD aged 3-11 years	\$299,801	Q4.L.D	Western Oregon University
Birth to Kindergarten Professional Preparation: Inclusive Services for Children with Autism Spectrum Disorders	\$299,910	Q7.K	University of North Carolina at Greensboro
Transdisciplinary approaches to autism spectrum disorders	\$299,930	Q5.Other	San Diego State University Research Foundation
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	\$299,965	Q5.L.A	University of Southern California
Efficacy of the home TEACCHing program for toddlers with autism	\$299,975	Q4.L.D	University of North Carolina at Chapel Hill
Personnel development to improve services and results for children with disabilities	\$299,999	Q5.L.C	San Diego State University Foundation
Preparing special educators in autism spectrum disorders	\$300,000	Q5.Other	University of Central Florida
Comprehensive support for families with autism: A parent-based mentoring approach	\$300,000	Q5.S.C	University of Colorado Denver

Project Title	Funding	Strategic Plan Objective	Institution
Perception of social and physical contingencies in infants with ASD	\$301,268	Q1.L.B	Emory University
Mechanisms of valproic acid-induced neurodevelopmental and behavioral defects	\$302,269	Q3.S.J	University of Maryland, Baltimore
MeCP2 modulation of BDNF signaling: Shared mechanisms of Rett and autism	\$303,067	Q2.S.D	University of Alabama at Birmingham
ACE Center: Ontogeny and neural basis of social visual engagement in monkeys	\$304,370	Q2.Other	Emory University
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$305,280	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Development of vision and attention in typical and ASD individuals	\$305,682	Q2.S.G	Brown University
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$307,200	Q2.S.A	University of Pennsylvania
Parental age and schizophrenia susceptibility	\$308,000	Q3.L.D	University of California, Los Angeles
Impairments of theory of mind disrupt patterns of brain activity	\$308,160	Q2.Other	Massachusetts Institute of Technology
Cell specific genomic imprinting during cortical development and in mouse models	\$308,216	Q3.S.J	Harvard University
A family-genetic study of language in autism	\$308,419	Q2.S.G	Northwestern University
Peer-mediated ACC intervention for children with autism: effects on communication	\$308,485	Q4.S.G	University of Kansas
IMPROVING HEALTHCARE TRANSITION PLANNING AND HEALTH-RELATED INDEPENDENCE FOR YOUTH WITH ASD AND THEIR FAMILIES	\$308,685	Q6.S.A	University of Missouri
Vasopressin receptor polymorphism and social cognition	\$310,085	Q2.Other	Georgia State University
Molecular dissection of calmodulin domain functions	\$310,222	Q2.Other	University of Iowa
Individualized Adaptive Robot-Mediated Intervention Architecture for Autism	\$312,753	Q4.Other	Vanderbilt University
Postdoctoral Research Training Fellowships in Early Intervention and Early Learning in Special Education at the University of Florida	\$313,320	Q7.K	University of Florida
Statistical analysis of biomedical imaging data in curved space	\$313,376	Q2.Other	University of North Carolina at Chapel Hill
Molecular mechanisms linking early life seizures, autism and intellectual disability	\$313,576	Q2.S.E	University of Colorado Denver
Novel statistical methods for DNA sequencing data, and applications to autism	\$314,312	Q3.L.B	Columbia University
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$316,453	Q2.Other	University of California, Berkeley
Intelligent data capture and assessment technology for developmental disabilities	\$322,828	Q1.S.B	Caring Technologies, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$325,130	Q2.Other	Brandeis University
Physiology of attention and regulation in children with ASD and LD	\$327,380	Q2.Other	Seattle Children's Hospital
Optimizing initial communication for children with autism	\$333,168	Q4.S.G	University of Massachusetts Medical School
Psychobiological investigation of the socioemotional functioning in autism	\$333,590	Q2.Other	Vanderbilt University Medical Center
Behavioral and neural processing of faces and expressions in nonhuman primates	\$334,541	Q2.Other	Emory University
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$337,091	Q2.S.D	Stanford University
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	\$338,560	Q3.S.J	University of California, Davis
Development of face processing expertise	\$339,118	Q2.Other	University of Toronto
Olfactory abnormalities in the modeling of Rett syndrome	\$339,270	Q2.S.D	Johns Hopkins University
The microRNA pathway in translational regulation of neuronal development	\$340,304	Q2.S.D	University of Massachusetts Medical School
In utero antidepressant exposures and risk for autism	\$343,560	Q3.S.H	Massachusetts General Hospital
Emergence and stability of autism in fragile X syndrome	\$343,680	Q2.S.D	University of South Carolina
The role of MeCP2 in Rett syndrome	\$344,213	Q2.S.D	University of California, Davis
Network Optimization of Functional Connectivity in Neuroimaging for Differential Diagnosis of Brain Diseases	\$345,000	Q2.Other	University of Washington
A model integrated data management system for multi-disciplinary autism research	\$346,748	Q7.H	Prometheus Research, LLC
Neural basis of behavioral flexibility	\$347,607	Q2.Other	Mount Sinai School of Medicine
Therapy management software for naturalistic model-based behavioral interventions	\$347,991	Q4.S.C	Experiad, LLC.
Extraction of functional subnetworks in autism using multimodal MRI	\$348,034	Q1.L.B	Yale University
2/3-Multisite RCT of early intervention for spoken communication in autism	\$350,924	Q4.S.F	University of Rochester
Cellular density and morphology in the autistic temporal human cerebral cortex	\$352,346	Q2.Other	University of California, Davis
Transcriptional control of inhibitory synapse formation	\$353,295	Q2.Other	Dana-Farber Cancer Institute
Early social and emotional development in toddlers at genetic risk for autism	\$354,246	Q1.L.A	University of Pittsburgh
Neuroendocrine regulation of metabolism and neurocognition	\$355,088	Q2.S.E	National Institutes of Health
Prostaglandins and cerebellum development	\$356,400	Q2.S.A	University of Maryland, Baltimore

Project Title	Funding	Strategic Plan Objective	Institution
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	\$357,724	Q4.L.D	SRI International
Adaptive response technology for autism spectrum disorders intervention	\$359,376	Q4.Other	Vanderbilt University Medical Center
Translational regulation of adult neural stem cells	\$359,977	Q2.S.D	University of Wisconsin - Madison
Linking local activity and functional connectivity in autism	\$360,142	Q2.Other	San Diego State University
Genetic-imaging study of obsessive compulsive behavior in autism	\$360,826	Q2.Other	Brown University
Investigation of DUF1220 domains in human brain function and disease	\$361,544	Q3.L.B	University of Colorado Denver
Engrailed targets and the control of synaptic circuits in Drosophila	\$361,875	Q2.Other	University of Puerto Rico Medical Sciences Campus
Development of a novel biomarker test for autism risk screening	\$363,789	Q1.S.A	Xen Biofluidx, Inc.
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	\$364,194	Q4.L.D	University of California, San Diego
Neural economics of biological substrates of valuation	\$364,716	Q1.L.C	Virginia Polytechnic Institute and State University
Mechanisms of stress-enhanced aversive conditioning	\$366,000	Q4.S.B	Northwestern University
Role of Sema7A in functional organization of neocortex	\$366,120	Q2.S.D	Mount Sinai School of Medicine
Piloting treatment with insulin-like growth Factor-1 in Phelan-McDermid syndrome	\$366,363	Q4.L.A	Mount Sinai School of Medicine
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	\$367,304	Q2.S.D	Beth Israel Deaconess Medical Center
Typical and pathological cellular development of the human amygdala	\$369,600	Q2.Other	University of California, Davis
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	\$369,600	Q4.Other	University of California, Los Angeles
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$371,791	Q2.Other	Georgetown University
Neurexin function in vivo: Implications for autism and mental retardation	\$373,032	Q4.S.B	University of Texas Southwestern Medical Center
Molecular mechanisms of the synaptic organizer alpha-neurexin	\$373,200	Q2.Other	University of Michigan
Auditory and integrative functions of the prefrontal cortex	\$374,016	Q2.Other	University of Rochester
Neurobiological signatures of social dysfunction and repetitive behavior	\$374,400	Q4.S.B	Vanderbilt University Medical Center
Allelic choice in Rett syndrome	\$374,862	Q2.S.D	Winifred Masterson Burke Medical Research Institute
Translation, synchrony, and cognition	\$375,588	Q2.S.D	New York University

Project Title	Funding	Strategic Plan Objective	Institution
The impact of Pten signaling on neuronal form and function	\$375,706	Q2.Other	Dartmouth College
ACE Center: Inter-regional connectivity in the speech network of minimally verbal children	\$376,136	Q4.S.G	Boston University
Genetic and developmental analyses of fragile X mental retardation protein	\$378,771	Q2.S.D	Vanderbilt University Medical Center
Synaptic phenotype, development, and plasticity in the fragile X mouse	\$379,329	Q2.S.D	University of Illinois at Urbana Champaign
Striatal synaptic abnormalities in models of autism	\$381,600	Q4.S.B	University of Texas Southwestern Medical Center
Virtual reality applications for the study of attention and learning in children with autism and ADHD	\$384,185	Q4.L.D	University of California, Davis
Networked cortical responses to movement associated with ASD	\$384,222	Q2.Other	University of Washington
Gesture as a forerunner of linguistic change- insights from autism	\$385,000	Q2.L.A	Georgia State University
Optogenetic treatment of social behavior in autism	\$385,000	Q2.Other	University of California, Los Angeles
Shank3 in synaptic function and autism	\$385,200	Q2.Other	Massachusetts Institute of Technology
Early Identification of ASD: Translating eye Tracking into Practice	\$387,500	Q1.S.B	University of California, San Diego
High throughput screen for small molecule probes for neural network development	\$388,800	Q2.Other	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$390,000	Q7.I	Colorado Department of Health and Environment
Restricted repetitive behavior in autism	\$391,678	Q1.L.B	University of North Carolina at Chapel Hill
Learning and plasticity in the human brain	\$392,666	Q2.Other	National Institutes of Health
Social evaluation in infants and toddlers	\$393,228	Q1.L.B	Yale University
Development of face processing in infants with autism spectrum disorders	\$393,228	Q1.L.B	Yale University
Morphogenesis and function of the cerebral cortex	\$393,228	Q2.Other	Yale University
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$393,841	Q2.S.D	University of Texas Southwestern Medical Center
Astrocyte function in genetic mouse models of autism spectrum disorders	\$394,063	Q2.S.D	Cleveland Clinic Lerner College of Medicine, Case Western Reserve University
Assessing Self-Determination in the Era of Evidence-Based Practices: The Development and Validation of Student and Adult Measures of Self Dertermination	\$396,360	Q6.Other	University Of Kansas Center For Research, Inc.
Selective disruption of hippocampal dentate granule cells in autism: Impact of PT	\$396,897	Q2.S.E	Cincinnati Children's Hospital Medical Center
Social brain networks for the detection of agents and intentions	\$399,300	Q2.Other	Yale University

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New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$401,927	Q2.S.D	Dana-Farber Cancer Institute
Verbal/non-verbal asynchrony in adolescents with high-functioning autism	\$402,978	Q2.Other	Emerson College
Monoallelic expression in neurons derived from induced pluripotent stem cells	\$404,100	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
The effects of State and Federal insurance policies on quality of care for autism	\$406,574	Q5.S.A	Pennsylvania State University
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$408,000	Q7.I	University of Arkansas for Medical Sciences
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$408,000	Q7.I	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$408,000	Q7.I	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$408,001	Q7.I	University of Alabama, Birmingham
Analysis of Shank3 complete and temporal and spatial specific knockout mice	\$408,192	Q2.Other	Duke University
Developmental Disabilities Dentistry Online	\$410,983	Q5.L.E	Praxis, Inc.
Early autism risk longitudinal investigation (EARLI) network	\$411,571	Q3.L.A	Drexel University
Novel genetic models of autism	\$415,328	Q4.S.B	University of Texas Southwestern Medical Center
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	\$415,385	Q2.S.D	University of Texas Southwestern Medical Center
Neural markers of shared gaze during simulated social interactions in ASD	\$416,250	Q2.Other	Yale University
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	\$417,271	Q2.Other	University of California, San Francisco
fcMRI in infants at high risk for autism	\$419,567	Q1.L.A	Washington University in St. Louis
The effects of intranasal oxytocin on social cognition and neural activity	\$421,790	Q4.S.A	Emory University
Oxytocin receptors and social behavior	\$422,748	Q4.S.B	Emory University
Early life seizures disrupt critical period plasticity	\$429,559	Q2.S.E	University of Pennsylvania
Biology of non-coding RNAs associated with psychiatric disorders	\$430,144	Q2.Other	University of Southern California
Integrative functions of the planum temporale	\$432,343	Q2.Other	University of California, Irvine
Developing new statistical methods to detect variants involved in complex disease	\$434,485	Q3.L.B	National Institutes of Health
Parenting your young child with autism: A web-based tutorial	\$435,651	Q5.L.A	Center for Psychological Consultation

Project Title	Funding	Strategic Plan Objective	Institution
The neurophysiology of sensory processing and multisensory integration in ASD	\$437,684	Q2.Other	Syracuse University
3/3-Multisite RCT of early intervention for spoken communication in autism	\$442,594	Q4.S.F	Kennedy Krieger Institute
Cell adhesion molecules in autism: A whole-brain study of genetic mouse models	\$448,320	Q2.Other	Cold Spring Harbor Laboratory
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$449,134	Q2.S.D	University of California, Irvine
Imaging signal transduction in single dendritic spines	\$449,208	Q2.Other	Max Planck Florida Corporation
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$451,202	Q2.Other	Sloan-Kettering Institute for Cancer Research
I-CONNECT PLUS: Enhancing Community Participation for Adolescents and Adults with ASD Using Online Instruction, Coaching, and Accessible Self-Management Technologies.	\$458,224	Q4.L.D	University of Kansas Center for Research, INC.
Development of the functional neural systems for face expertise	\$461,095	Q2.Other	University of California, San Diego
Function of neurexins	\$461,977	Q2.Other	Stanford University
Identifying therapeutic targets for autism using Shank3-deficient mice	\$466,151	Q4.S.B	Mount Sinai School of Medicine
Dysregulation of mTOR signaling in fragile X syndrome	\$467,760	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
MRI studies of early brain development in autism	\$468,100	Q1.L.A	University of California, San Diego
Treatment of Overweight Induced by Antipsychotic Medication in Young People with ASD	\$468,376	Q4.L.A	Holland Bloorview Rehabilitation Hospital
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$469,826	Q5.L.A	University of Southern California
A Sociology of Testing, Diagnosis and Autism Spectrum Disorder	\$476,869	Q1.S.C	University of Wisconsin-Madison
Dissecting neural mechanisms integrating multiple inputs in <i>C. elegans</i>	\$477,449	Q2.Other	Salk Institute for Biological Studies
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$483,807	Q3.S.A	Broad Institute, Inc.
Treatment of medical conditions among individuals with autism spectrum disorders	\$488,568	Q2.S.E	National Institutes of Health
Facilitating employment for youth with autism: A replication study of an internship model to identify evidence based practices	\$489,085	Q5.L.B	Virginia Commonwealth University
Executive function in children with typical and atypical language abilities	\$493,697	Q2.Other	University of Wisconsin - Madison
Study of health outcomes in children with autism and their families	\$496,440	Q2.Other	Lewin Group, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
The social brain in schizophrenia and autism spectrum disorders	\$498,431	Q2.Other	Hartford Hospital
Development of a social and communication intervention for preschoolers with autism	\$499,938	Q4.L.D	Kennedy Krieger Institute
Characterizing the genetic systems of autism through multi-disease analysis	\$503,306	Q2.S.G	Harvard Medical School
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$506,507	Q2.Other	University of Maryland, College Park
Language development in fragile X syndrome	\$509,862	Q2.S.D	University of California, Davis
1/3-Multisite RCT of early intervention for spoken communication in autism	\$515,167	Q4.S.F	University of California, Los Angeles
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$515,246	Q2.S.E	University of North Carolina at Chapel Hill
Cell adhesion molecules in CNS development	\$515,850	Q2.Other	The Scripps Research Institute - California
Function and structure adaptations in forebrain development	\$520,098	Q2.Other	University of Southern California
GABRB3 and placental vulnerability in ASD	\$523,820	Q2.S.A	Stanford University
Sensory processing and integration in autism	\$524,517	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Effects of chronic intranasal oxytocin	\$526,020	Q4.S.B	University of California, Davis
Family outcomes in autism spectrum disorders	\$527,329	Q5.Other	University of Wisconsin - Madison
Characterization of the schizophrenia-associated 3q29 deletion in mouse	\$528,118	Q4.S.B	Emory University
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$528,177	Q7.I	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	\$528,177	Q7.L	Washington University in St. Louis
The roles of environmental risks and GEX in increasing ASD prevalence	\$532,325	Q3.L.D	Yale University
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$541,983	Q2.Other	University of Rochester
Autism spectrum disorder: Birth cohort 1976-2000, epidemiology and adult status	\$542,540	Q6.Other	Mayo Clinic
An open resource for autism iPSCs and their derivatives	\$545,118	Q7.D	Children's Hospital of Orange County
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$545,180	Q7.I	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	\$545,180	Q7.L	University of Utah
Early quantitative characterization of reciprocal social behavior	\$545,295	Q1.L.C	Washington University in St. Louis

Project Title	Funding	Strategic Plan Objective	Institution
A longitudinal MRI study of brain development in fragile X syndrome	\$549,582	Q2.S.D	University of North Carolina at Chapel Hill
Infants at risk of autism: A longitudinal study	\$551,100	Q1.L.A	University of California, Davis
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$552,000	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$552,000	Q7.I	University of Wisconsin, Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$552,000	Q7.I	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$552,000	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	\$552,000	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	\$552,000	Q7.L	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	\$552,000	Q7.L	Medical University of South Carolina
Characterizing mechanistic heterogeneity across ADHD and autism	\$556,250	Q2.Other	Oregon Health & Science University
Investigating the gut microbiome for novel therapies and diagnostics for autism	\$558,136	Q3.S.I	California Institute of Technology
Identifying markers for treatment response to cognitive training in autism spectrum disorders	\$560,000	Q4.S.F	University of California, Davis
Genotype-phenotype relationships in fragile X families	\$565,457	Q2.S.D	University of California, Davis
Development of a prospective video-based measure to identify ASD risk in infancy	\$576,204	Q1.S.B	University of California, Davis
Brain bases of language deficits in SLI and ASD	\$583,471	Q2.Other	Massachusetts Institute of Technology
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$587,398	Q3.S.J	Baylor College of Medicine
Neurobehavioral research on infants at risk for SLI and autism	\$588,872	Q1.L.A	Boston University
Genetic epidemiology of complex traits	\$589,154	Q3.L.B	National Institutes of Health
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$589,750	Q2.S.E	Duke University
Genome-wide identification of variants affecting early human brain development	\$590,292	Q2.S.G	University of North Carolina at Chapel Hill
A family-genetic study of autism and fragile X syndrome	\$593,966	Q2.S.D	Northwestern University
Computational tools to analyze SNP data from patients with mental illness	\$598,866	Q7.Other	Partek, Inc.
A neuroimaging study of twin pairs with autism	\$599,326	Q2.S.G	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Population-based autism genetics & environment study	\$600,532	Q3.L.D	Mount Sinai School of Medicine
Novel computational methods for higher order diffusion MRI in autism	\$601,657	Q2.Other	University of Pennsylvania
Toward outcome measurement of anxiety in youth with autism spectrum disorders	\$604,292	Q1.L.B	Yale University
Dynamic regulation of Shank3 and ASD	\$604,587	Q2.Other	Johns Hopkins University
Epidemiological research on autism in Jamaica - Phase II	\$607,366	Q3.S.H	University of Texas Health Science Center at Houston
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$610,784	Q2.Other	Stanford University
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	\$622,341	Q7.L	University of Wisconsin, Madison
Effectiveness and implementation of a mental health intervention for ASD	\$627,203	Q5.L.A	University of California, San Diego
To support the ongoing operations of NDAR by providing direction, management and	\$635,431	Q7.H	Omnitec Solutions, Inc.
ACE Center: Changing developmental trajectories through early treatment	\$642,931	Q4.L.D	Emory University
Next generation gene discovery in familial autism	\$644,126	Q3.L.B	University of Washington
Project DATA: A multisite evaluation of a school-based model for preschoolers with autism	\$650,000	Q4.S.D	University of Oklahoma Health Sciences Center; University of Washington
Biological determinants of brain variation in autism	\$652,672	Q2.S.G	University of Wisconsin - Madison
Examining the efficacy of classroom pivotal response teaching in classroom environments	\$655,691	Q4.S.D	Rady Children's Hospital Health Center
Animal model of genetics and social behavior in autism spectrum disorders	\$658,361	Q2.S.G	Duke University
Rapid phenotyping for rare variant discovery in autism	\$661,281	Q3.S.A	University of California, Los Angeles
Impact of SynGAP1 mutations on synapse maturation and cognitive development	\$661,570	Q2.Other	The Scripps Research Institute - Florida
Gene dosage imbalance in neurodevelopmental disorders	\$662,379	Q1.S.E	Weis Center for Research - Geisinger Clinic
Comparative effectiveness of developmental-behavioral screening instruments	\$680,452	Q1.S.B	Tufts Medical Center
Kinetics of drug macromolecule complex formation	\$687,969	Q2.Other	University of California, San Diego
Evaluating the effects of autism insurance mandates	\$690,492	Q5.Other	University of Pennsylvania
Computational characterization of language use in autism spectrum disorder	\$692,911	Q2.Other	Oregon Health & Science University
Electronic location reporting for individuals with cognitive disabilities	\$704,478	Q4.S.H	Intellispeak, LLC
Sporadic mutations and autism spectrum disorders	\$713,231	Q3.S.A	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Functional connectivity substrates of social and non-social deficits in ASD	\$719,629	Q2.Other	Massachusetts General Hospital
MRI biomarkers of patients with tuberous sclerosis complex and autism	\$720,276	Q2.S.D	Boston Children's Hospital
Intelligent data capture and assessment technology for developmental disabilities	\$721,082	Q1.S.B	Caring Technologies, Inc.
Autism: Social and communication predictors in siblings	\$723,431	Q1.L.A	Kennedy Krieger Institute
Prenatal and neonatal biologic markers for autism	\$725,197	Q3.S.C	Kaiser Foundation Research Institute
ATN Registry	\$728,000	Q7.O	N/A
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$728,423	Q4.S.D	University of Oklahoma Health Sciences Center; University of Washington
Autism genetics: Homozygosity mapping and functional validation	\$735,107	Q3.S.A	Boston Children's Hospital
The role of germline mutation and parental age in autism spectrum disorders	\$743,939	Q3.S.C	University of California, San Diego
Longitudinal MRI study of brain development in fragile X	\$748,506	Q2.S.D	Stanford University
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$748,775	Q3.S.J	University of California, Los Angeles
Software to enrich the noun lexicons and lexical learning of children with autism	\$757,099	Q4.L.D	Laureate Learning Systems, Inc.
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$759,778	Q3.S.A	University of California, San Francisco
Evaluating the efficacy of the school-based Social Competence Intervention for Adolescents (SCI-A) with high functioning autism	\$787,019	Q4.L.D	University of Missouri
1/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$817,786	Q3.S.A	Mount Sinai School of Medicine
Efficacy of a Comprehensive School-Based Intervention for Children with High-Functioning Autism Spectrum Disorders (HFASDs)	\$840,477	Q4.L.D	Canisius College
Joint attention mediated learning intervention for toddlers with autism spectrum disorders and their families	\$842,243	Q4.S.D	Indiana University; University of North Carolina at Chapel Hill; University of Kansas
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$868,500	Q3.L.D	Michigan State University
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$886,550	Q4.S.D	University of North Carolina at Chapel Hill
Handheld Technology for Speech Development in Students with Autism spectrum Disorders	\$899,857	Q4.L.D	HandHold Adaptive, LLC
Early detection of pervasive developmental disorders	\$924,542	Q1.S.A	University of Connecticut
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERVA) Network	\$948,404	Q3.L.D	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
A collaborative translational autism research program for the military.	\$966,000	Q2.S.G	Nationwide Children's Hospital
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$985,604	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$985,604	Q7.I	Centers for Disease Control and Prevention (CDC)
The cognitive neuroscience of autism spectrum disorders	\$997,922	Q2.Other	National Institutes of Health
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,000,000	Q3.L.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,050,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,050,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,050,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,050,000	Q3.L.D	Kaiser Foundation Research Institute
Dysregulation of protein synthesis in fragile X syndrome	\$1,089,880	Q2.S.D	National Institutes of Health
Autism Intervention Research Network on Physical Health (AIR-P network)	\$1,139,942	Q4.S.A	Massachusetts General Hospital
Enabling use of blood spot cards for accurate high throughput Fragile X screening	\$1,142,346	Q1.S.A	Asuragen, Inc.
The CHARGE study: childhood autism risks from genetics and the environment	\$1,151,250	Q3.S.C	University of California, Davis
Comprehensive systems change through RTI and SW-PBS	\$1,184,692	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
The Autism Impact Measure: A new tool for treatment outcome measurement	\$1,355,047	Q1.L.B	University of Missouri
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,400,550	Q3.S.J	Johns Hopkins University
Studies of genetic and metabolic disorders, autism and premature aging	\$1,446,354	Q4.S.B	National Institutes of Health
Roles of oxytocin and vasopressin in brain	\$1,496,471	Q4.S.B	National Institutes of Health
Functional anatomy of face processing in the primate brain	\$1,555,641	Q2.Other	National Institutes of Health
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,608,284	Q4.S.D	University of California, Los Angeles
The UC Davis Center for Children's Environmental Health and Disease Prevention	\$1,660,178	Q3.L.D	University of California - Davis

Project Title	Funding	Strategic Plan Objective	Institution
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,759,913	Q3.S.C	University of California, Davis
Clinical and behavioral phenotyping of autism and related disorders	\$1,954,272	Q1.L.B	National Institutes of Health
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	\$2,033,801	Q4.L.D	University of North Carolina at Chapel Hill
Pediatric brain imaging	\$2,140,977	Q2.L.A	National Institutes of Health
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	\$2,312,083	Q4.Other	University of California, Los Angeles
ACE Network: A longitudinal MRI study of infants at risk for autism	\$2,391,469	Q2.L.A	University of North Carolina at Chapel Hill
ACE Network: Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	\$2,435,695	Q4.L.A	University of North Carolina at Chapel Hill
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	\$2,546,852	Q4.S.G	University of California, Los Angeles
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	\$2,604,574	Q1.L.A	Boston Children's Hospital
Learn the signs. Act early. - Improving early identification of ASDs through improved parental and early educator awareness of developmental milestones	\$2,643,100	Q5.L.A	Centers for Disease Control and Prevention (CDC)
ACE Network: Multimodal developmental neurogenetics of females with ASD	\$2,670,192	Q2.S.B	Yale University
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	\$3,005,916	Q3.S.D	University of California, Los Angeles
ACE Network: Intervention effects of intensity and delivery style for toddlers with ASD	\$3,118,971	Q4.S.D	University of California, Davis
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,655,744	Q3.S.H	Boston Medical Center
Gene-environment interactions in an autism birth cohort	\$6,537,537	Q3.L.D	Columbia University
Office of the Scientific Director	\$8,561,517	Q7.Other	National Institutes of Health

